

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-20 07:48:41

Date of Next Testing: 2027-03-19 07:48:41

Product Name: **Sodium bicarbonate**

CAS Number: 144-55-8

Specifications & Purity: reagent grade, ≥99.8%

Lot #: C2316287

SKU #: **S112331****Analysis: 344911**

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	0-0.001 (%)	0.00 %
Assay	99.8-100 (%)	99.82 %
Insoluble matter in H ₂ O	0-0.01 (%)	0.01 %
Sulfate(SO ₄ ²⁻)	0-0.005 (%)	0.00 %
Potassium(K)	0-0.01 (%)	0.00 %
Iron(Fe)	0-0.001 (%)	0.00 %
Magnesium(Mg)	0-0.003 (%)	0.00 %
Heavy metal (as Pb)	0-0.001 (%)	0.00 %
Chloride (Cl ⁻)	0-0.002 (%)	0.00 %
Phosphates and silicates(calculated as SiO ₂)	0-0.005 (%)	0.00100 %
Calcium(Ca)	0-0.007 (%)	0.00 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager